

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Ryota HIRANO et al.

Application No.: 10/674,390

Confirmation No.: 4428

Filed: October 1, 2003

Art Unit: 2178

For: DOCUMENT REVISION SUPPORT  
PROGRAM AND COMPUTER READABLE  
MEDIUM ON WHICH THE SUPPORT  
PROGRAM IS RECORDED AND  
DOCUMENT REVISION SUPPORT DEVICE

Examiner: K. B. Honeycutt

**INFORMATION DISCLOSURE STATEMENT**  
**(SUBMISSION AFTER NOTICE OF ALLOWANCE**  
**BUT PRIOR TO PAYMENT OF THE ISSUE FEE)**

**Handcarry To:**  
**u.s. patent and Trademark Office**  
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**Randolph Building**  
**401 Dulany Street**  
**Alexandria, VA 22314**

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. **LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-SB08(s), attached hereto.

II. COPIES

☒ Copies of cited U.S. patents and patent application publications are not included. Copies of foreign patent documents and non-patent literature are included.

III. CONCISE EXPLANATION OF THE RELEVANCE

(Check at least one box)

☒ a. DOCUMENTS IN THE ENGLISH LANGUAGE - The patents, publications, or other information listed on the attached PTO SB08 are in the English language and therefore, do not require a statement of relevancy.

☒ b. DOCUMENTS NOT IN THE ENGLISH LANGUAGE - A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows: **An English language Abstract of the cited Japanese patent is attached. Accordingly, it is believed that the requirement for a statement of relevancy has been satisfied.**

☒ c. ENGLISH LANGUAGE SEARCH REPORT - An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).

☐ d. OTHER - The following additional information is provided for the Examiner's consideration.

THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(d); After the mailing date of a Notice of Allowance. See the Statement Under 37 C.F.R. § 1.97(e).

IV. STATEMENT UNDER 37 C.F.R. § 1.97(e)(check only one box)

The undersigned hereby states that:

- ☒ a. Each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than 30 days prior to the filing of this IDS; or
- ☐ b. Each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- ☐ c. No item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.
- ☐ d. Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

V. PAYMENT OF FEES (check one box)

☒ The required fee is listed on the attached Fee Transmittal.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: July 28, 2006

Respectfully submitted,

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Attachment(s):

- ☒ PTO-SB08  
☒ Documents  
☒ Foreign Search Report  
☐ Fee  
☐ Other:

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449AUSPTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/674,390-Conf. #4428
				Filing Date	October 1, 2003
				First Named Inventor	Ryota HIRANO
				Art Unit	2178
				Examiner Name	K. B. Honeycutt
Sheet	1	of	1	Attorney Docket Number	0230-0208P

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-5,983,241-A	11-09-1999	Hoshino et al.	
	AB*	US-6,061,697-A	05-09-2000	Nakao et al.	
	AC*	US-6,460,052-B1	10-01-2002	Thomas et al.	
	AD*	US-20020002567-A1	01-03-2002	Kaneko et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>3</sup> Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	BA	EP-0 747 836-A1	12-11-1996		
	BB	JP-09-319632-A	12-12-1997		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*CITE NO. Those application(s) which are marked with a single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.96(a)(2)(iv)) because that application was filed after June 30, 2003 or is available in the P.W. Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes at USPTO Patent Documents at [appsupp2.uspto.gov](http://appsupp2.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office first issued the document, by the two-letter code (WIPO Standard BT-3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard BT-16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>4</sup>		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>4</sup> Applicant's unique citation designation number (optional). <sup>5</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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